

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	"6479744".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:16
S1	2	"6479744".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:16
S3	1	S2 and solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:18
S5	2	"6479744".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 10:05
S8	0	S6 and element\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 10:06
S7	0	S6 and element	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 10:06
S6	1	S5 and \$4reflect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 10:12

## EAST Search History

S9	1	S6 and solder\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 10:57
S11	46957	solder\$4 with element\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 10:58
S10	189874	solder\$4 and element\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 10:58
S13	396	S12 and electrod\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 11:21
S12	1320	solder\$4 with composit\$4 with element\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 11:21
S15	0	11-163377	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 11:25
S14	16	S13 and (pv or photovoltaic or solar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 11:25

## EAST Search History

S16	19464	(Ag or silver) with solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 12:27
S18	47	(fukawa with yuko)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 12:28
S17	1295	fukawa.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 12:28
S19	47	(fukawa with yuko) and fukawa.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 12:32
S21	8	(shuichi with fujii) and fujii.in.	US-PGPUB; USPAT	OR	OFF	2007/04/05 12:40
S22	4	(takashi with tsuge) and tsuge.in.	US-PGPUB; USPAT	OR	OFF	2007/04/05 12:41
S20	4	(fukawa with yuko) and fukawa.in.	US-PGPUB; USPAT	OR	OFF	2007/04/05 12:41
S24	2948	solder and "189"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 12:42
S23	47	(fukawa with yuko) and fukawa.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 12:42

## EAST Search History

S25	22	solder and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 14:57
S27	131	solder with (silver or Ag) with wettab\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 14:58
S26	19464	solder with (silver or Ag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 14:58
S28	47	S27 and electrode\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:01
S29	72043	solder with (electrod\$4 or contact\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:21
S31	13358	S30 with metal\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:23
S33	7	S32 with wettab\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:25

## EAST Search History

S32	474	S31 with "same"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:25
S34	72043	solder with (electrod\$4 or contact\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:27
S30	72043	solder with (electrod\$4 or contact\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:27
S36	21	increase\$4 with solder with wettab\$4 with metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:28
S35	728	S34 with wettab\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:28
S37	0	solder and electrode\$4 and (increase\$4 with wettab\$ with same\$4 with metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:29
S39	104	228/111.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:35

## EAST Search History

S38	4	solder and electrode\$4 and (increase\$4 with wettab\$ with same\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:35
S40	11	S39 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:41
S41	455263	solder\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:43
S42	1017	S41 with metal with wettab\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 15:56
S43	170	S42 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 16:37
S44	18	tailor\$4 with solder with composition\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 16:40
S45	1445	solder with composition\$4 with (Ag or silver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 16:43

## EAST Search History

S46	1	S45 with tailor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 16:48
S49	1	S48 and \$4reflect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:13
S48	2	"6479744".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:13
S4	1	S2 and \$4reflect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:13
S50	1	S49 and solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:14
S47	372	S45 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:25
S51	693	electrode with solder with melting with point	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:27

## EAST Search History

S54	1	S53 and lead	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:42
S53	2	"6479744".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:42
S52	21	electrode with solder with two with melting with point	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:42
S57	876	S56 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:43
S56	3478	S55 with solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:43
S55	8664	lead-free	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:43
S58	40	S57 and (solar or pv or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:45

## EAST Search History

S60	192	lead-free with solder with electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:48
S59	21	lead-free with solder with contact with electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:48
S61	12	S60 and (solar or pv or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:49
S63	746	S62 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:50
S62	2848	"lead-free solder"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:50
S66	1	S65 and (solar or pv or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 17:30
S64	206	S63 and environment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 17:30

## EAST Search History

S65	149	hole\$4 with contact with electrode with solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 17:31
S67	2	hole\$4 with contact with electrode with solder with view	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 17:32
S68	11	view adj solder with hole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 17:33
S70	2	"6479744".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 08:27
S69	34	(view\$4 or inspect\$4) adj solder with hole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 08:27
S71	1	S70 and solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 08:28
S72	1	"5733501".pn.	USPAT	OR	OFF	2007/04/10 08:53
S73	0	S72 and (Ti or titanium)	USPAT	OR	OFF	2007/04/10 08:57
S74	0	S72 and (P or phosphorus)	USPAT	OR	OFF	2007/04/10 09:02
S75	18	solder with composition with (Ti or titanium) with (Ag or silver)	USPAT	OR	OFF	2007/04/10 09:04
S77	0	solder with composition with (Ti or titanium) with ppm	USPAT	OR	OFF	2007/04/10 09:11

## EAST Search History

S76	51	solder with composition with (Ti or titanium)	USPAT	OR	OFF	2007/04/10 09:11
S78	51	solder with composition with (Ti or titanium)	USPAT	OR	OFF	2007/04/10 09:16
S79	11	Ti with ppm and "228"/\$.ccls.	USPAT	OR	OFF	2007/04/10 09:24
S80	0	Ti with ppm with solder	USPAT	OR	OFF	2007/04/10 09:25
S81	5	Ti with ppm with solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 09:28
S82	5	(Ti or titanium) with ppm with solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 10:46
S83	5	(Ti or titanium) with ppm with solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 10:47
S84	30	(P or phosphorus) with ppm with solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 13:52
L1	1647	hole\$4 with electrode with solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 13:52
L2	44	1 with (inspect\$4 or view\$4 or evaluat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 14:06

## EAST Search History

L3	2	"6199273".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 14:07
L4	2	3 and hole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 14:08
L7	59	5 with contact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 14:09
L6	0	5 with contact with inspection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 14:09
L5	793	through with hole with solder with electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 14:09
L13	0	10 and terminal with box	USPAT	OR	OFF	2007/04/10 16:13
L12	872613	x	USPAT	OR	OFF	2007/04/10 16:13
L11	0	10 and terminal with box	USPAT	OR	OFF	2007/04/10 16:13
L10	1	"6479744".pn.	USPAT	OR	OFF	2007/04/10 16:13
L17	20	14 and wire with hole	USPAT	OR	OFF	2007/04/10 16:14
L16	0	10 and box	USPAT	OR	OFF	2007/04/10 16:14
L15	1	10 and terminal	USPAT	OR	OFF	2007/04/10 16:14
L14	249	terminal with box and (pv or photovoltaic or solar)	USPAT	OR	OFF	2007/04/10 16:14
L25	1	"6479744".pn. and wire	USPAT	OR	OFF	2007/04/10 16:49
L26	1	"6479744".pn. and terminal	USPAT	OR	OFF	2007/04/10 17:06

## EAST Search History

L27	249	terminal with box and (pv or solar or photovoltaic)	USPAT	OR	OFF	2007/04/10 17:15
L29	0	"6344612".pn. and solder	USPAT	OR	OFF	2007/04/10 17:24
L30	0	28 and solder	USPAT	OR	OFF	2007/04/10 17:26
L28	1	"6344612".pn.	USPAT	OR	OFF	2007/04/10 17:26
L31	32	terminal with box and (photovoltaic or pv or solar) and solder	USPAT	OR	OFF	2007/04/10 17:41
L32	6	terminal with box with solder and (photovoltaic or pv or solar)	USPAT	OR	OFF	2007/04/10 18:00
L35	2554	wire\$4 near1 hole\$4	USPAT	OR	OFF	2007/04/10 18:03
L34	2557	wire\$4 near1 hole\$\$	USPAT	OR	OFF	2007/04/10 18:03
L33	6	terminal\$4 with box\$4 with solder and (photovoltaic or pv or solar)	USPAT	OR	OFF	2007/04/10 18:03
L36	126	wire\$4 near1 hole\$4 with electrode	USPAT	OR	OFF	2007/04/10 18:08
L37	30	wire\$4 near1 hole\$4 with solder	USPAT	OR	OFF	2007/04/10 18:14
L38	1	"6369315".pn. and terminal	USPAT	OR	OFF	2007/04/10 18:42
L40	767	through near1 hole\$4 near1 wire	USPAT	OR	OFF	2007/04/10 18:54
L39	1	"6369315".pn. and fetch\$4	USPAT	OR	OFF	2007/04/10 18:54
L41	133	40 and solder	USPAT	OR	OFF	2007/04/10 18:55